

A hand-squeezable dispenser comprises a holder (2) of inverted-U configuration having outwardly-sprung limbs (20,21) which enclose a folded paper-card container (1) of liquid, particulate or other flowable material. A blade (23) and inside ridge (31) of one limb (20) engage, respectively, in a circumferential pocket (12) and under a circumferential shoulder (11) of the front container-wall (7). The other limb (21) is pushed in against the back container-wall (8) to engage a ridge (32) under the shoulder (11) and allow a slide (26) to be slid down into the pocket (12). A finger (25) of the slide (26) obstructs closure of a lid (24) until the pocket (12) is engaged by the slide (26), closure of the lid (24) piercing the container seal (14) with a projecting tube (34) of a sealing cap (33) on the underside of the lid (24). Dispensing is effected by opening the lid (24) and squeezing the limbs (20,21) inwardly, the container (1) recovering its shape afterwards under the outward springing of the limbs (20,21). Instead, dispensing may be by hand-operated pump (40), or by opening a slide (53) across an outlet (54) of the inverted dispenser (50).

518,671

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



17 DEC 2004



(43) International Publication Date
31 December 2003 (31.12.2003)

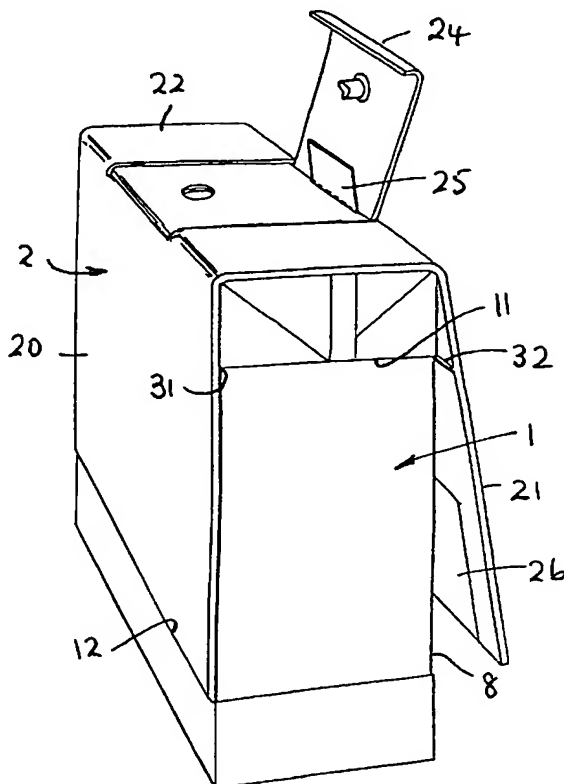
PCT

(10) International Publication Number
WO 2004/000686 A1

- (51) International Patent Classification⁷: **B65D 75/52**, 5/42, A47G 23/02
- (21) International Application Number: PCT/GB2003/002699
- (22) International Filing Date: 20 June 2003 (20.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0214229.7 20 June 2002 (20.06.2002) GB
- (71) Applicants and
(72) Inventors: **HORE, Michael, Charles** [GB/GB]; 12 Inkerman Drive, Hazlemere, High Wycombe, Buckinghamshire HP15 7JJ (GB). **HARTLEY, Christopher** [GB/GB]; The Bungalow, Ashwell Court, Windsor Lane, Little Kingshill, Great Missenden, Buckinghamshire HP16 0DZ (GB).
- (74) Agent: **COLES, Graham, Frederick**; Graham Coles & Co, 24 Seeleys Road, Beaconsfield, Buckinghamshire HP9 1SZ (GB).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: DISPENSERS



(57) **Abstract:** A dispenser comprising a container for liquid or other material to be dispensed, the container being of a collapsible form and a holder for at least partially enclosing the container, wherein the holder has a resiliently-biased part for engagement with the container for resisting collapse of the container.

WO 2004/000686 A1